

## Exhibit Form – Horizon License Request

Please be advised, we are requesting a “horizon license”. We are making this request based on the following:

### Part 5.702 description of the test

The experimental device is a prototype of 6G wireless communication systems. The hardware prototype comprises of phased array transmitter and receiver to emulate cellular base station and mobile device. The end-to-end test is to verify the feasibility of long range cellular communication in sub Terahertz spectrum, in terms of coverage, throughput, latency, beam steering capability. The key innovations in this test are the following: 1) high performance phased array using InP PAs 2) adaptive beamforming at Terahertz carrier frequencies 3) full digital beamforming to support multi-beam communication systems.

### Part § 5.703 contact information

Gary Xu, 972-762-9496